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UTILITY **PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	MCD124
First Inventor	Samuel C. Lay, et al.
Title	METHOD AND APPARATUS FOR PROVIDING OPTIMIZED HIGH SPEED LINK UTILIZATION
Express Mail Label No.	EL 791521484 US

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APPLICATION ELE	EMENTS	Assistant Co Box Patent Washington	Applicatio	
(preferred Arrangement - Descriptive title of the Inv - Cross References to Rela - Statement Regarding Fed - Reference to sequence li- computer program listing - Background of the Invent - Brief Summary of the Inv - Brief Description of the D - Detailed Description - Claim(s) - Abstract of the Disclosure	pages27] set forth below) rention ated Applications d sponsored R&D sting, a table, or a pappendix ion rawings 6] sal sheets _3_] al or copy) 7 C.F.R. § 1.63(d)) NTOR(S) ached deleting prior application,	(if applicable, all a. Compub. Specification is a compub. Comp	CD-R in de Program (r Amino A necessary uter Readab cation Sequenter Readab cation Sequenter Readab paper nents verifying AP Papers (c. 73(b) State e is an assistant anslation De n 1449 ry Amendi pipt Postca py of Prio d Certifica Applicant	uplicate, large table (Appendix) cid Sequence Submission v) ole Form uence Listing on: or CD-R (2 copies); or Ing identity of above copies PLICATION PARTS oversheet/document(s)) ement
				Mailing by Express Mail
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:/ Prior application information: Examiner: Group/Art Unit: FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a				
portion has been inadvertently omitted form the subr		NDENCE ADDRESS		
17. CORRESPONDENCE ADDRESS ☐ Customer Number or Bar Code Label or ☑ Correspondence address below				
Name Stuart T. Lar	ngley, Esq.			
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(Signature)	10 Mary		Date	11/13/01



FEE TRANSMITTAL

Complete if Known Application Number Not Yet Assigned Herewith Filing Date First Named Inventor Samuel C. Lay et al. Not Yet Assigned **Examiner Name** Group / Art Unit Not Yet Assigned

for FY 2002 (\$) 954.00 **TOTAL AMOUNT OF PAYMENT (\$)** Attorney Docket No. MCD124

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)	
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES	
Deposit Account Number	Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description	Fee Paid
Deposit Account Name Hogan & Hartson L.L.P.	105 130 205 65 Surcharge – late filing fee or oath 127 50 227 25 Surcharge – late provisional filing 139 130 139 130 fee or cover sheet Non-English specification	
Charge Any Additional Fee Required Under 37 CFR § § 1.16 and 1.17	147 2,520 147 2,520 For filing a request for ex parte reexamination	
Applicant claims small entity status. See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action	
Payment Enclosed:	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action 115 110 215 55 Extension for reply within first	
Card Order	month 116 400 216 200 Extension for reply within second	
FEE CALCULATION	117 920 217 460 Extension for reply within third	
1. BASIC FILING FEE Large Entity Small Entity Fee Description	month 118 1,440 218 720 Extension for reply within fourth	
Fee	month	
10 <u>1</u> · 740 201 370 Utility Filing Fee 740.00	128 1,960 228 980 Extension for reply within fifth month	
106 ^{±1} 330 206 165 Design filing fee	119 320 219 160 Notice of Appeal	
107 510 207 255 Plant filing fee	120 320 220 160 Filing a brief in support of an appeal	
108 740 208 370 Reissue filing fee	121 280 221 140 Request for oral hearing	
114 160 214 80 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding	
SUBTOTAL (1) (\$)740.00	140 110 240 55 Petition to revive – unavoidable 141 1,280 241 640 Petition to revive – unintentional	-
	142 1,280 242 640 Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES Fee from Fee Paid	143 460 243 230 Design issue fee	
Extra Claims below Total Claims 25 -20**= 5 X 18 = 90.00	144 620 244 310 Plant issue fee	
Independent	122 130 122 130 Petitions to the Commissioner	
Multiple Dependent = 0.00	123 50 123 50 Processing fee under 37 CFR 1.17(q)	
**or number previously paid, if greater; For Reissues, see below	126 180 126 180 Submission of Information Disclosure Stmt	
Large Entity Small Entity Fee Fee Fee Fee Description	581 40 581 40 Recording each patent assignment per property (times number of properties)	10.00
Code (\$) Code (\$)	146 740 246 370 Filing a submission after final	
103 18 203 9 Claims in excess of 20	rejection (37 CFR § 1.129(a)) 149 740 249 370 For each additional invention to	
102 84 202 42 Independent claims in excessof 3 104 280 204 140 Multiple dependent claim, if not paid	be examined (37 CFR §1.129(b)) 179 740 279 370 Request for Continued	
109 84 209 42 **Reissue independent claims over original patent	Examination (RCE) 169 900 169 900 Request for expedited examination of a design	
110 18 210 9 **Reissue claims in excess of 20 and over original patent	application Other fee (specify)	
SUBTOTAL (2) (\$)174.00	*Reduced by Basic Fling Fee Paid SUBTOTAL (3)	(\$)40.00
SUBMITTED BY Complete (if applicable)		
Name (Print/Type) Stuart T. Langley	Registration No. (Attorney/Agent) 33,940 Telephone (7	20) 406-5335
Signature Studies Can L	Date	11/301

PATENT EXPRESS MAIL NO. EL 791521484US Attorney Docket No. MCD124 Client/Matter No. 83629.0044

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:		
Samuel C. Lay, et al.	Group Art Unit: Not Yet Assigned	
	Examiner: Not Yet Assigned	
Serial No.		
Filed: Herewith		
For: METHOD AND APPARATUS FOR PROVIDING OPTIMIZED HIGH SPEED LINK UTILIZATION		
CERTIFICATE OF MA	AILING BY EXPRESS MAIL	
Box PATENT APPLICATION Assistant Commissioner for Patents Washington, D.C. 20231		
Sir: The undersigned hereby certifies that the following documents: Utility Patent Application Transmittal Utility Patent Application (27) pages of specification (6) sheets of drawings Declaration (executed) Recordation Form Cover Sheet and Assignment (executed) Fee Transmittal Check in the amount of \$954.00 Certificate of Mailing by Express Mail Return Receipt Post Card		
relating to the above application, were deposited as "Express Mail", Mailing Label No. EL 791521484US, with the United States Postal Service, addressed to Box PATENT APPLICATION, The Assistant Commissioner for Patents, Washington, D.C., 20231, November 13, 2001.		
Date 11/13/01	Mailer Than Day	
Date	Stuart T. Langley, Esq. Reg. No. 33,940 HOGAN & HARTSON LLP One Tabor Center 1200 17th Street, Suite 1500 Denver, Colorado 80202 (720) 406-5335 Tel (303) 899-7333 Fax	